TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))

Docket No. 1486-ARMY

In Re Application:

Hayek et al.

Serial No.

Filing Date

Examiner

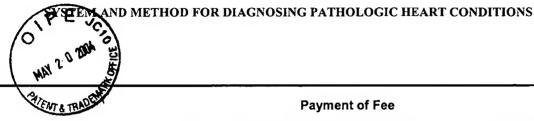
Group Art Unit

10/048,110

1/25/02

C.H. Layno

3762



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240-228-5640

CC:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) 1486-ARMY In Re Application Of: Hayek et al. Serial No. Examiner Filing Date Group Art Unit 3762 10/048,110 1/25/02 C.H. Lavno AND METHOD FOR DIAGNOSING PATHOLOGIC HEART CONDITIONS Address to: **Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) Mark The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: the statement specified in 37 CFR 1.97(e); **OR** the fee set forth in 37 CFR 1.17(p). 05/10/2004 JADD01 00000050 012218 10048110 01 (C:1806 180.00 DA

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| /2 | REF | CHERT S | | U.S. PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | |
| | A | 4,428,381 | 1/31/84 | Нерр | | | | | |
| | В | 4,458,693 | 7/10/84 | Badzinski et al. | | | | | |
| | С | 5,012,815 | 5/7/91 | Bennett, Jr. et al. | | | | | |
| | D | 5,301,679 | 4/12/94 | Taylor | | | | | |
| | E | 5,687,738 | 11/18/97 | Shapiro et al. | | | | | |
| | F | 5,957,866 | 9/28/99 | Sharpiro et al. | | | | | |
| | G | 6,05,0950 | 4/18/00 | Mohler | | | | | |
| • | Н | 6,478,744 | 11/12/02 | Mohler | • | | | | |
| • | 1 | 6,572,560 | 6/3/03 | Watrous et al. | | | | | |
| | J | 6,629,937 | 10/7/03 | Watrous | | | | | |
| | к | US2002/0052559 | 5/2/02 | Watrous | | | | | |
| | | | T | FOREIGN PATENT DOCUMENTS | | | | | |
| | REF | DOCUMENT NUMBER | DATE | DATE COUNTRY | | SUBCLASS | Translation YES NO | | |
| | L | WO 99/52436 | 10/21/99 | WIPO | 11011 | | | | |
| | М | WO 02/096293 | 12/5/02 | WIPO | | | | | |
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| • | | Medical and Biological | Engineering Col | murs in Patients With Lonescu-Shil mputing, Sept. 1989, pp. 449-455 | ey Aortic Biop | rsineses", Bara | пек, н.L. et al., | | |
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| WENT & | U.S. PATENT DOCUMENTS | | | | | | | | | | | | | | |
| *EXAMINER | /nas- | DOCUMENT NUMBER | DATE | NAME | | CLASS | SUBCLASS | FILING DAT | | | | | | | |
| | 0 | US 2003/0093003 | 5/15/03 | Watrous et al. | | | | | | | | | | | |
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| | | OTHER DOCUMEN | NTS (Includin | ng Author, | , Title, Date, Pertine | nt Pages, Etc., |) | | | | | | | | |
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